

RECEIVED

SEP 27 2001

Technology Center 2600

PATENT
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

2
2-26-02

September 25, 2001

RECEIVED

SEP 27 2001

Technology Center 2600

INFORMATION DISCLOSURE STATEMENT


TO: ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C.
U.S.A. 20231

Re: Application Serial No. 09/826,355
Applicant: Dekang Lin and Patrick Pantel.
Title: Discovery of Inference Rules from Text
Art unit: 2644
Filed: April 5, 2001

Dear Sir:

In accordance with 37 CFR 1.97 and 1.98, and in recognition of the duty of disclosure set forth in 37 CFR 1.56, Applicant hereby submits an information disclosure statement including a listing of publications and other information of which Applicant is aware and a copy of each listed item.

Respectfully submitted,



ANTHONY R. LAMBERT
Registration No. 32,813
Agent for the Applicant
#200, 10328 - 81 Ave.
Edmonton, Alberta
T6E 1X2
(780) 448-7326

Customer No. 020212

**Information Cited by the Applicant(s) that may be Material
to the Prosecution of the Subject Application**

Page 1 of 3

Re: Application Serial No. 09/826,355
Applicant: Dekang Lin and Patrick Pantel
Title: Discovery of Inference Rules from Text
Art unit: 2644
Examiner: Not Known
Filed: April 5, 2001

Other Information

(Include author, title, date of publication to extent known, relevant pages, and place of publication if known)

Examiner

Initial ID Document Identification

- | | | |
|---|-----------|---|
| — | <u>C1</u> | “Fast and Effective Text Mining Using Linear-time Documents Clustering”, Bjornar Larson and Chinatsu Aone, KDD-99 San Diego, California, United States, Copyright ACM 1999 1-58113-143-7/99/08, pp. 16-22. |
| — | <u>C2</u> | “Text Mining: Natural Language techniques and Text Mining applications”, M. Rajman and R. Besançon, Chapman & Hall, IFIP 1997, pp. 2-15. |
| — | <u>C3</u> | “Extracting Classification Knowledge of Internet Documents with Mining Term Associations: A Semantic Approach”, Shian-Hua Lin, Chi-Sheng Shih, Meng Chang Chen, Jan-Ming Ho, Ming-Tat Ko and Yueh-Ming Huang, SIGIR’98, Melbourne, Australia, Copyright 1998 ACM 1-58113-015-5 8/98, pp. 241-249. |
| — | <u>C4</u> | “Automatic Acquisition of Hyponyms from Large Text Corpora”, Marti A. Hearst, Proceedings of the Fourteenth International Conference on Computational Linguistics, Nantes, France, July 1992, 8 pages. |
| — | <u>C5</u> | “Automatic Search Term Variant Generation”, K. Sparck Jones and J.I. Tait, <i>Journal of Documentation</i> , Vol. 40, No. 1, March 1984, pp. 50-66. |
| — | <u>C6</u> | “Boosting Variant Recognition with Light Semantics”, Cécile Fabre and Christian Jacquemin, Cooling-2000, Saarbrücken, Germany, August, 2000, pp 264-270. |
| — | <u>C7</u> | “Principle-Based Parsing Without Overgeneration”, Dekang Lin, in proceedings of ACL-93, Columbus, Ohio, June, 1993, pp. 112-120. |

**Information Cited by the Applicant(s) that may be Material
to the Prosecution of the Subject Application**

Page 2 of 3

Re: Application Serial No. 09/826,355
Applicant: Dekang Lin and Patrick Pantel
Title: Discovery of Inference Rules from Text
Art unit: 2644
Examiner: Not Known
Filed: April 5, 2001

Other Information

(Include author, title, date of publication to extent known, relevant pages, and place of publication if known)

Examiner

<u>Initial</u>	<u>ID</u>	<u>Document Identification</u>
—	<u>C8</u>	"English for the Computer: The SUSANNE Corpus and Analytic Scheme", Geoffrey Sampson, Clarendon Press, Oxford, 1995, pp. 1-11.
—	<u>C9</u>	"A New Statistical Parser Based on Bigram Lexical Dependencies", Michael John Collins, cmp-lg/9605012 6 May 1996, 4 pages (double sided).
—	<u>C10</u>	"A Maximum-Entropy-Inspired Parser", Eugene Charniak, in proceedings of the First North American Chapter of ACL, Seattle, Washington, April, 2000, pp. 132-139.
—	<u>C11</u>	"Distributional Structure", Z. Harris, from <i>Word</i> 10 No. 2-3 (1954) pp. 775-793 and notes, pp. 26-47.
—	<u>C12</u>	"Extracting Collocations from Text Corpora", Dekang Lin, in proceedings of the Workshop on Computational Terminology, Montreal, Canada, August 1998, pp. 57-63.
—	<u>C13</u>	"Thesaurus Construction", Padmini Srinivasan, <i>Information retrieval Data Structures and Algorithms</i> , Chapter 9, eds. Frakes, W.B. and Baeza-Yates R., Prentice Hall, 1992, pp.161-176.
—	<u>C14</u>	"Efficient Clustering of High-Dimensional Data Sets with Application to Reference Matching", Andrew McCallum, Kamal Nigam and Lyle H. Unger, KDD 2000, Boston, MA, United States, Copyright ACM, August 2000 1-58113-233-6/00/08, pp. 169-178.

**Information Cited by the Applicant(s) that may be Material
to the Prosecution of the Subject Application**

Page 3 of 3

Examiner:

Date Considered:

[Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P; draw line through citation is not in conformance and not considered. Include copy of this form with next communication]